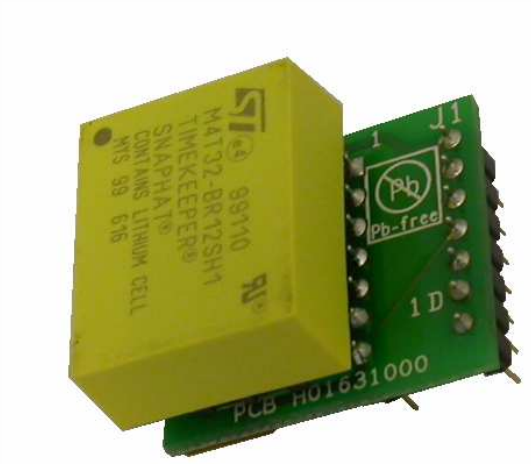
DCS & Labelling Worldwide

REAL-TIME-CLOCK INSTALLATION GUIDE

For printer models:

GL 4xxe Series



Read this Installation Guide before and during the installation of the above accessory. Keep this Installation Guide handy for future reference.

1 General

1.1 Important information

This quick guide provides important information on how to set up your new SATO product.

Be sure to read this quick guide thoroughly before using this printer. It is an integral part of the product and should be kept in the immediate vicinity of the device and available to the operating staff.

1.2 Limitation of liability

All information in this manual have been compiled under due consideration of federal standards and regulations.

The manufacturer will not be held liable for damage resulting from:

- Disregarding these instructions
- Unintended use of the printer
- Unauthorized technical modifications
- Use of unapproved spare parts
- Use of unapproved consumables

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

1.3 Explanation of symbols

This instruction manual uses various warning icons to help you understand the safe operation of your printer. Explanations of the icons are below.

WARNING!

Indicates neglectful or erroneous use may cause irreparable damage to the product, serious injury to the operator, or worse.

CAUTION!

Indicates a specific point where caution should be used. The graphic within the triangle will indicate the specific issue, i.e.; the sign on the left indicates a caution for potential electrical shock.

CAUTION!

Indicates a potentially hazardous situation which, if not avoided, may result in damage to your product or host equipment.

NOTE!

Emphasizes useful tips or recommendations for efficient and smooth operation of your printer.

1.4 Contact and Document Information

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Extensive contact information of worldwide SATO operations can be found on the Internet at **www.satoworldwide.com**

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GL4xxe Real-Time Clock Installation

Before installing the Real-Time Clock chip, make sure the printer is OFF and disconnected from the power supply. Make sure you have discharged any static electricity (by touching a grounded component on the printer). Remove all interface cards prior to removing the rear side cover.

1. Use a Phillips head screwdriver to remove the three screws (1) that secure the left-hand side cover [labelled (2) in the illustration below] that protects the electronics of the printer.
2. Slide the side cover leftward and upward, as shown by the line marked (a).
3. Once the cover has been removed, locate the area circled in RED. There is an empty socket for mounting the Real-Time-Clock chip.

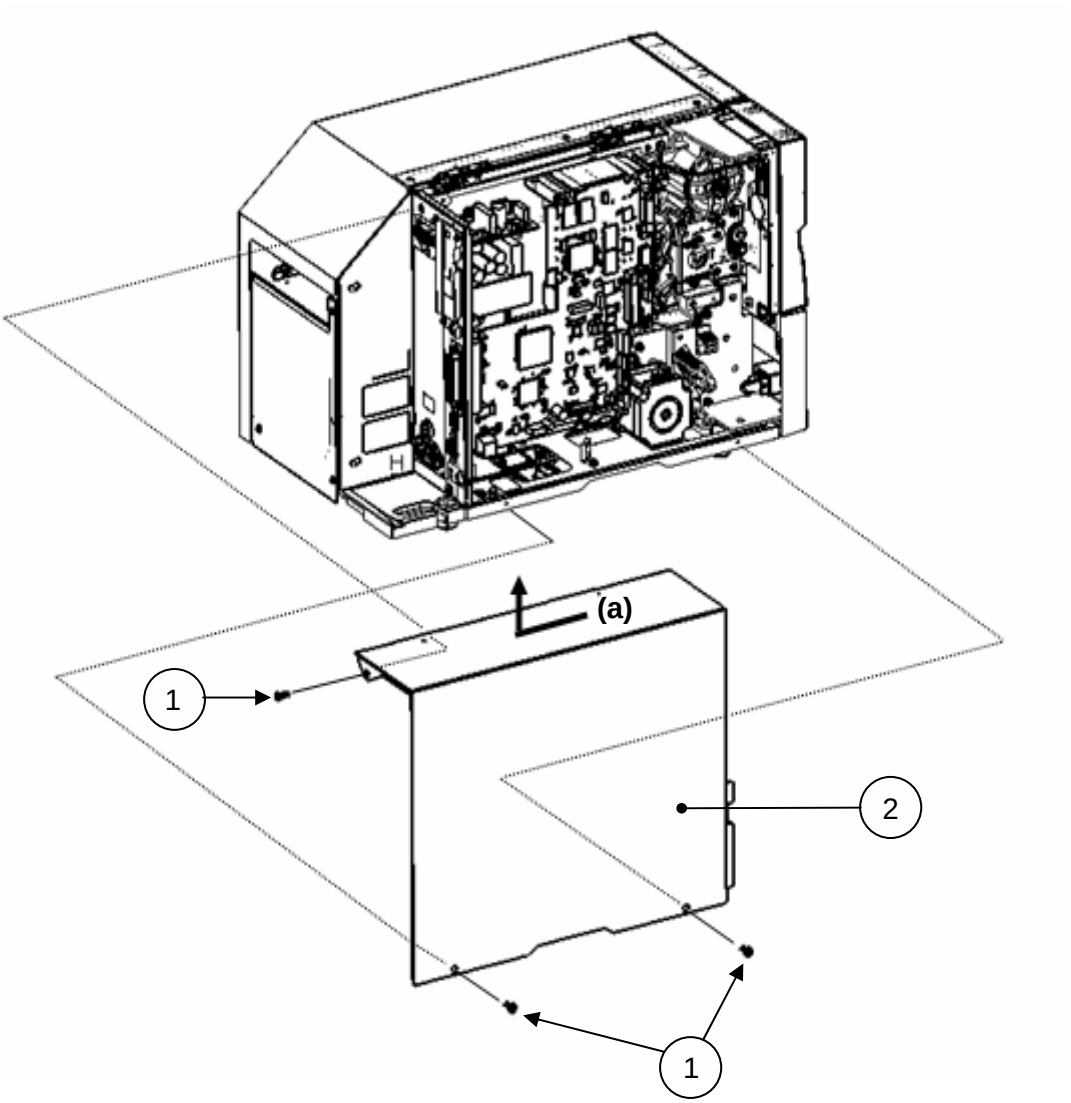
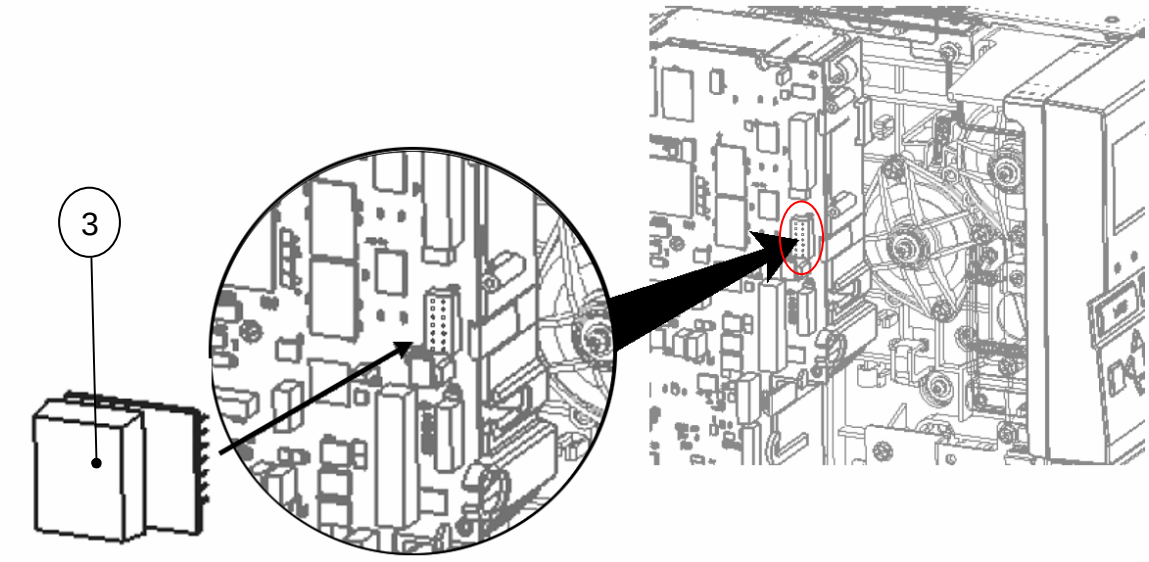


Figure 1. Removing the Left-Side Cover of the printer

GL4xxe Real-Time-clock Installation

4. Insert the chip labelled (3) into the socket, making sure that Pin 1 of the chip is aligned to Pin 1 of the socket. Mount it into place firmly.
5. Reinstall the Left-Side cover and reconnect the interface card, power and signal cables.
6. Turn the printer ON and proceed to the next page for instructions on setting the clock.



Clock configuration via the LCD Menu

1. Turn the printer ON and wait for it to initialize and go into ONLINE mode.
2. Press the **Line** Button to go to Offline mode
3. Press the **Function** Button to display the different menu icons
4. Select the Advanced Mode Menu and press the **Enter** Button.
5. Scroll to the Set Calendar Menu using the cursor buttons.
6. This menu allows you to set the date and time.
   The date is expressed in:

   hh:mm YYYYMMMDD.
   hh = hour (24 hour format)
   mm = minute
   MMM = month
   DD = day
   YYYY = year

7. When completed, go back to ONLINE mode after saving the new settings.

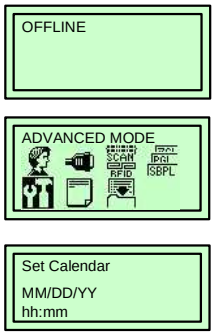


Figure 3. Setting the clock via the LCD

Using SBPL Commands

The date and time can also be set using the <ESC>WT Setting of Calendar Command.

CALENDAR CONFIGURATION COMMAND	
FUNCTION	To set the time and date of the printer's internal clock.
FORMAT	<ESC>**WTaabbccddee** aa = Year (00 to 99) bb = Month (01 to 12) cc = Day (01 to 31) dd = Hour (00 to 23) ee = Minute (00 to 59) Note: place anywhere within the data stream.
EXAMPLE	<ESC>A <ESC>**WT9312251300** <ESC>Z
OUTPUT	There is not a printer output as a result of this command.
NOTES	Once the year increments past "99" it will wrap back to "00". This command can only be used once per data stream. If a print quantity of more than one label per job is used, the same time and date will be on each label of the entire print job.

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